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## **ENGINEERING CHANGE NOTICE**

	1. ECN 642499
Page 1 of	Proj. ECN

2. ECN Category (mark one)	3. Originator's Name and Telephone No.	4. USQ Requi	red?	5. Date				
	Brett C. Simps	[] Yes [	X] No	6/16/97				
Supplemental [] Direct Revision [X]	Assessment and							
Change ECN [] Temporary []	R2-12, 373-591	5						
Standby []	<ol><li>Project Title/No.</li></ol>	/Work Order No.	7. Bldg./Sys	./fac. No.	8. Approval Designator			
Supersedure [] Cancel/Void []	Tank 2	241-C-109	241-0	-109	N/A			
	9. Document Numbers		10. Related	ECN No(s).	11. Related PO No.			
	(includes sheet r HNF_SIN_WM_I	ER-402, Rev. 1	N/A		N/A			
12a. Modification Work	12b. Work Package	12c. Modification Work (	<u> </u>		red to Original Condi-			
TEU. MOUTHOUT WOLK	No.		<del> </del>	or Standby ECN only)				
[] Yes (fill out Blk.	N/A	N/A		N/A				
12b)   [X] No (NA Blks. 12b,			<b>F</b> :					
12c, 12d)		Design Authority/Cog. Signature & Da			uthority/Cog. Engineer ignature & Date			
13a. Description of Change	•	13b. Design Baseline	Document? [	] Yes [X	(] No			
This Direct Revision			-	Coversh	eet.			
	·	•						
14a. Justification (mark o	one)							
Criteria Change []	Design Improvement	[] Environmental	[]	Facili	ty Deactivation []			
As-Found [X]	Facilitate Const	[] Const. Error/0	mission []	Design	Error/Omission []			
14b. Justification Details								
This ECN has been o	generated to mak	ce an administrativ	e correcti	ion on th	e Supporting			
Document Covershee	<b>.</b>							
15. Distribution (include	name MIZM amen	of conies)	r-		RELEASE_STAMP			
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[17 0-1 1-1					Page 2 of 2	642499	
16. Design Verification Required	17. Cost Impact ENGINE	EERING	CON	STRUC	TION	18. Schedule Impa	ct (days)
[] Yes	Additional	ľ1 <b>\$</b>	Additional	ſ	`1 <b>\$</b>	Improvement	[]
[X] No	Savings	i1 <b>\$</b>	Savings	i		Delay	וֹז
	eview: Indicate	the related doc	uments (other tha	n the	e engineering do	cuments identified	on Side 1)
that will be af		nge described i	n Block 13. Ente			ent number in Block	20.
SDD/DD	[]		Stress Analysis		[]	Tank Calibration Manual	LJ
Functional Design Criteria	' []		esign Report		[]	Health Physics Procedur	LJ
Operating Specification	[]		Control Drawing		[]	Spares Multiple Unit List	ting []
Criticality Specification	[]	Calibrati	on Procedure		[]	Test Procedures/Specific	cation []
Conceptual Design Repor	<sup>t</sup> []	Installat	ion Procedure		[]	Component Index	[]
Equipment Spec.	[]	Mainten	ance Procedure		[]	ASME Coded Item	[]
Const. Spec.	[]	Enginee	ring Procedure		[]	Human Factor Considera	ation []
Procurement Spec.	[]	Operatir	g Instruction		[]	Computer Software	[]
Vendor Information	[]	Operatir	g Procedure		[]	Electric Circuit Schedule	[]
OM Manual	[]	Operatio	nal Safety Requiremen	nt	[]	ICRS Procedure	[]
FSAR/SAR	[]	IEFD Dra	wing		[]	Process Control Manual,	
Safety Equipment List	ĪĪ	Cell Arra	ingement Drawing			Process Flow Chart	ا آآ
Radiation Work Permit	ĪĪ	Essentia	l Material Specification	1	Ī	Purchase Requisition	i i
Environmental Impact Sta	atement []	Fac. Pro	c. Samp. Schedule		ĪĪ	Tickler File	ii l
Environmental Report	ĨĨ	Inspecti	on Plan		ĨĨ		ii l
Environmental Permit	ĨĨ	Inventor	y Adjustment Request		Ϊ		ii [
	Documents: (NOTE he signing organi: mber/Revision	zation has been		r aff	ected documents		
21. Approvals					· · · · · · · · · · · · · · · · · · ·		
	Signature	11/-	Date		Signa	ature	Date
Design Authority B	. C. Simpson 💋	ut gingu	6/16/97	Desig	gn Agent		
Cog. Eng. K.M. Hal	1 Tathler	-m 1440	6/16/97	PΕ			
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## Tank Characterization Report for Single-Shell Tank 241-C-109

B.C. Simpson

Lockheed Martin Hanford Corp., Richland, WA 99352 U.S. Department of Energy Contract DE-ACO6-96RL13200

EDT/ECN: ECN-642499

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Key Words: Waste Characterization, Single-Shell Tank, SST, Tank 241-C-109, Tank C-109, C-109, C Farm, Tank Characterization Report, TCR, Waste Inventory, TPA Milestone M-44

Abstract: This document summarizes the information on the historical uses, present status, and the sampling and analysis results of waste stored in Tank 241-C-109. This report supports the requirements of the Tri-Party Agreement Milestone M-44-05.

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## **RECORD OF REVISION**

(1) Document Number
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02 | Page 1

(2) Title

Tank Characterization Report for Single-Shell Tank 241-C-109

	CHANGE CONTROL RECORD							
(3) Revision		(4) Description of Change - Replace, Add, and Delete Pages	Authorized for Release					
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